

CLASSIFICATION
CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

CD NO.

COUNTRY East Germany

DATE DISTR 5 August 1953

SUBJECT Forged Pieces Required by Bergmann-Borsig for the
1953 Planned Production of Generators and Turbines

NO. OF PAGES 2

PLACE
ACQUIRED

NO. OF ENCLS.
(LISTED BELOW)

25X1A

DATE OF
INFO.

SUPPLEMENT TO
REPORT NO.

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SOURCE

The attached chart lists the forged pieces required by HKB Bergmann-Borsig,
Berlin-Wilhelmsruh, for the 1953 planned construction of generators, turbines
and compressors.

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25X1A

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Forged pieces		Project	Blueprint Number	Construction Material	Total Weight in tons	Comments
-2-						
A. NEED FOR GENERATOR CONSTRUCTION:						
3	Inductor shafts	Elbe I, II, III	R24B180.001-1	SM special steel	59.000	Import
6	Inductor shafts	Elbe I, II, III	R24D180.014-1	Demagnetized steel	4.400	Import
	Miscellaneous forged pieces	Elbe I, II, III	-	-	4.600	-
5	Inductor shafts	2x Fuerstenberg 3x SU	R24B148.001-1	SM special steel	78.000	Import
10	Inductor shafts	2x Fuerstenberg 3x SU	R24D148.014-1	Demagnetized steel	5.200	Import
	Miscellaneous forged pieces	2x Fuerstenberg 3x SU	-	-	15.400	-
	Repairs on forged pieces 1953	-	-	-	2.000	-
B. NEED FOR TURBINE CONSTRUCTION:						
3	Turbine shafts	Elbe I, II, III	R21C180.101-1	25 Mn 8	10.800	-
3	Turbine shafts	Elbe I, II, III	R21C180.102-1	25 Mn 8	15.000	-
3	Wheel discs I	Elbe I, II, III	R22E180.131-2	24 Cr Mo 54 V 70	3.000	-
12	Wheel discs II-V	Elbe I, II, III	R22E180.132-2	25 Mn 8	11.000	-
15	Wheel discs VI-X	Elbe I, II, III	R22E180.136-2	25 Mn 8		-
6	Wheel discs XI-XII	Elbe I, II, III	R22E180.141-2	25 Mn 8		-
3	Wheel discs XIII	Elbe I, II, III	R22E180.143-2	25 Mn 8		-
3	Wheel discs XIV	Elbe I, II, III	R22E180.144-2	25 Mn 8	25.000	-
6	Wheel discs XVI	Elbe I, II, III	R22E180.161-2	28 Ni Cr Mo 74 V 80		-
6	Wheel discs XXII	Elbe I, II, III	R22E180.162-2	28 Ni Cr Mo 74 V 80		-
6	Wheel discs XXIII	Elbe I, II, III	R22E180.163-2	28 Ni Cr Mo 74 V 80		-
	Miscellaneous forged pieces	Elbe I, II, III	-	-	13.200	-
5	Turbine shafts	2x Fuerstenberg 3x SU	T1.102	Mn steel	28.000	-
5	Wheel discs I	2x Fuerstenberg 3x SU	R22E.148.131-2	24 Cr Mo V 55	3.700	Import
15	Wheel discs II-IV	2x Fuerstenberg 3x SU	R22E148.132-2	25 Mn 8	16.300	-
10	Wheel discs V-VI	2x Fuerstenberg 3x SU	R22E.148.135-2	25 Mn 8		-
10	Wheel discs VII-VIII	2x Fuerstenberg 3x SU	R22E.148.137-2	25 Mn 8		-
5	Wheel discs IX	2x Fuerstenberg 3x SU	R22E148.137-2	28 Ni Cr Mo 74 V 80		-
5	Wheel discs X	2x Fuerstenberg 3x SU	R22E148.140-2	28 Ni Cr Mo 74 V 80	25.800	-
5	Wheel discs XI	2x Fuerstenberg 3x SU	R22E148.141-2	28 Ni Cr Mo 74 V 80		-
	Miscellaneous forged pieces	2x Fuerstenberg 3x SU	-	-	21.000	-
	Repairs on forged pieces 1953	-	-	-	50.000	-
C. NEED FOR COMPRESSORS:						
10	Crack shafts	-	D 9112	St 50.11	101.000	-
TOTAL					452.6	-